

Power Control Rack
Heavy duty steel rack for protected power distribution for all system components.

Data Control Rack
Heavy duty steel rack for data acquisition and processing

Quantum 315 Detector
Active area: 315 x 315 mm (6k x 6k pixels)
Size: 41 x 43 x 80 cm. Weight: 141 kg

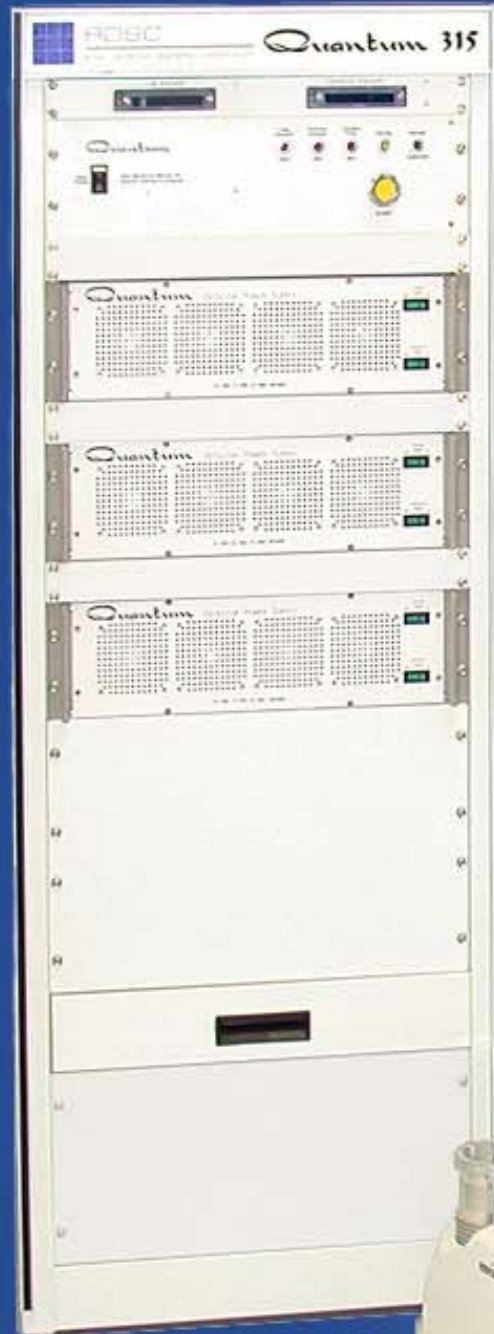
Vacuum Meter Panel
Separate meters monitor detector and line vacuum.

Fire Wall Box
System power distribution with safety interlocks for vacuum, cooling fans and coolant flow.

CCD Power Supplies
DC power for the nine CCD detector modules.

Water Chiller
Provides heat removal for the thermo-electric cooling in the detector modules.

Vacuum Pump
Efficient, dry, high vacuum pump.



Multi-port KVM Switch
Switches monitor and keyboard control between the nine computers.

Frame Buffer Computers
Separate computers for each of the nine detector modules, with 3.0 GHz. Pentium Dual Core Duo CPU's.

Keyboard / Monitor
Pull-out LCD monitor and keyboard.

Raid Array
Dual 3 GHz. Pentium Zeon CPU's and 16 disk drives for a total capacity of 4 Tera Bytes.

UPS
Un-interruptible power supply to guard against power outages.